

MECHANICAL HAND TOOL

for compression of insulated crimp terminals

PINCE MECANIQUE MANUELLE

pour le sertissage des connecteurs préisolés

MECHANISCHE HANDZANGE

zum Verpressen von isoliertem Verbindungsmaterial

HERRAMIENTA MECANICA MANUAL

para la compresión de conectores preaislados

UTENSILE MECCANICO MANUALE

per la compressione di connettori preisolati

HP5



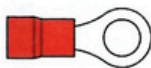
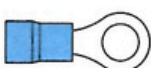
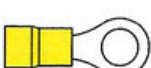
ELECTRIC RISK: do not use this tool on live cables.

RISQUE ELECTRIQUE: ne pas utiliser l'outil sur des conducteurs sous tension.

ELEKTRISCHE GEFAHR: das Werkzeug ist nicht zum Arbeiten unter Spannung geeignet.

RIESGO ELÉCTRICO: no utilizar la herramienta sobre conductores en tensión.

RISCHIO ELETRICO: non utilizzare l'utensile su conduttori in tensione.

0,5 - 1,5 mm ² (20 - 16 AWG)		RED
1,5 - 2,5 mm ² (16 - 14 AWG)		BLUE
4 - 6 mm ² (12 - 10 AWG)		YELLOW

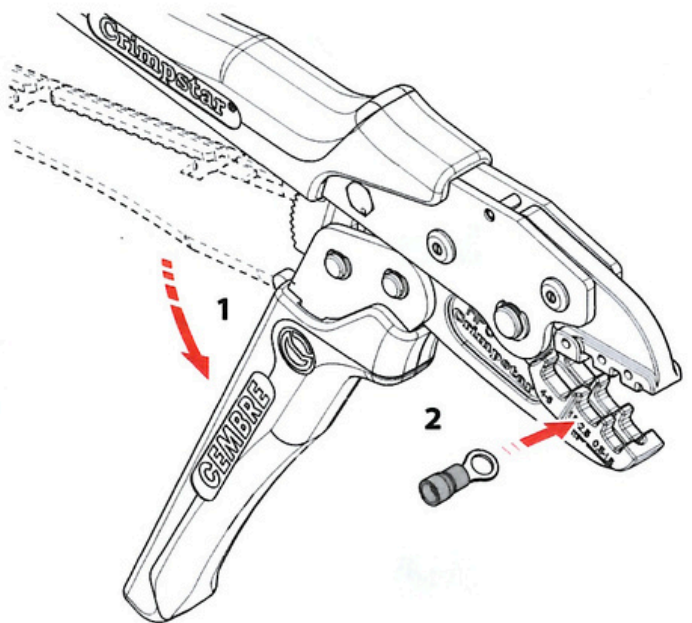


When used on the Cembre quick connect terminals and wire connectors listed in the table, HP5 tool provide a cUL and UL listed crimp.

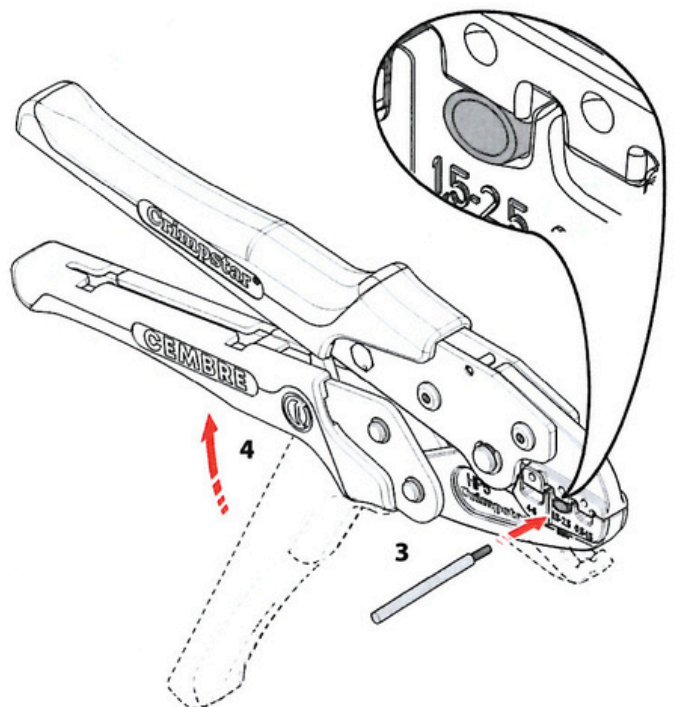
- Select the terminal according to the Copper conductor size used, referring to the following tables.
- Remove cable insulation over specified length.
Avoid damage to conductor strands.
Ensure cut face of insulation is neat and uniform.



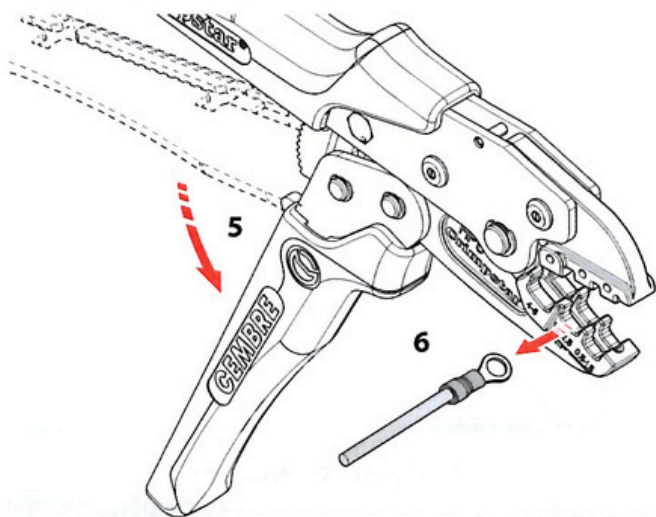
- 1 - Press the handle grips until the automatic opening.
- 2 - Correctly position the terminal into the corresponding tool die (red, blue or yellow).



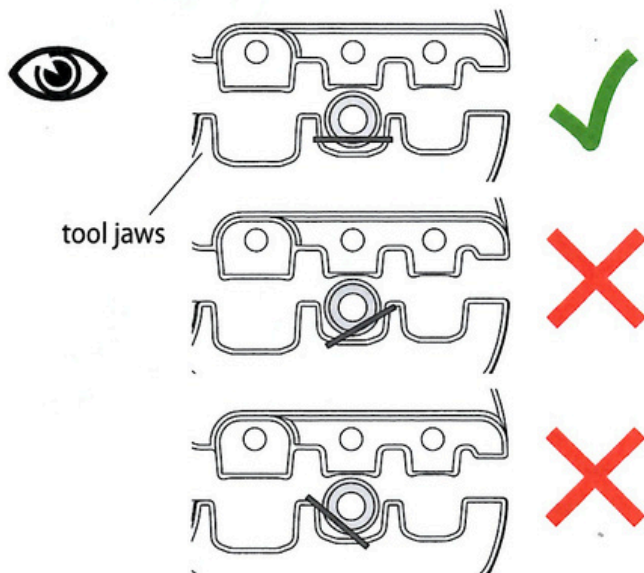
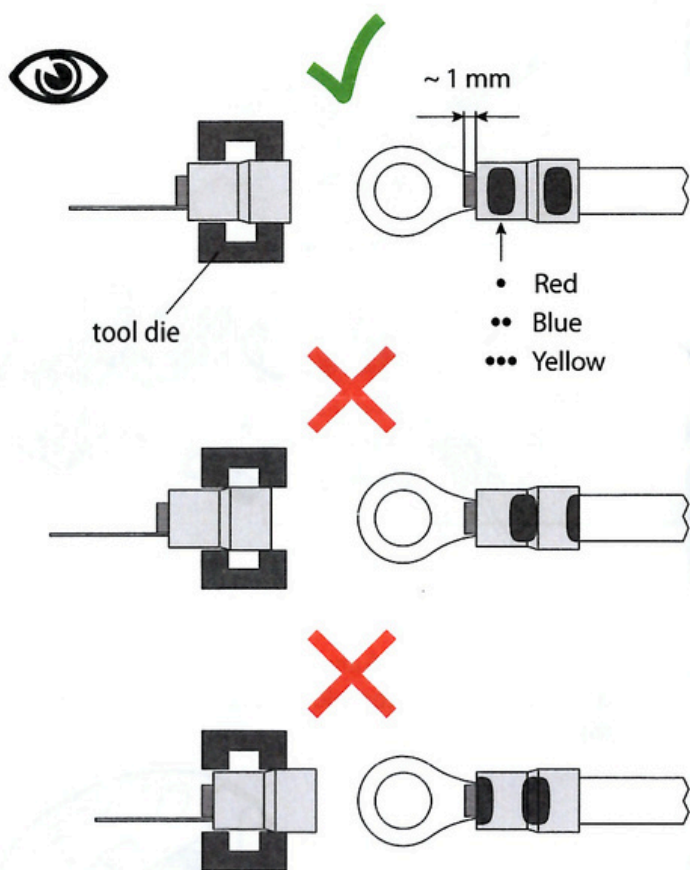
- 3 - Lock the terminal and fully insert the conductor.
- 4 - Proceed to crimp by completely pressing of the handle grips.



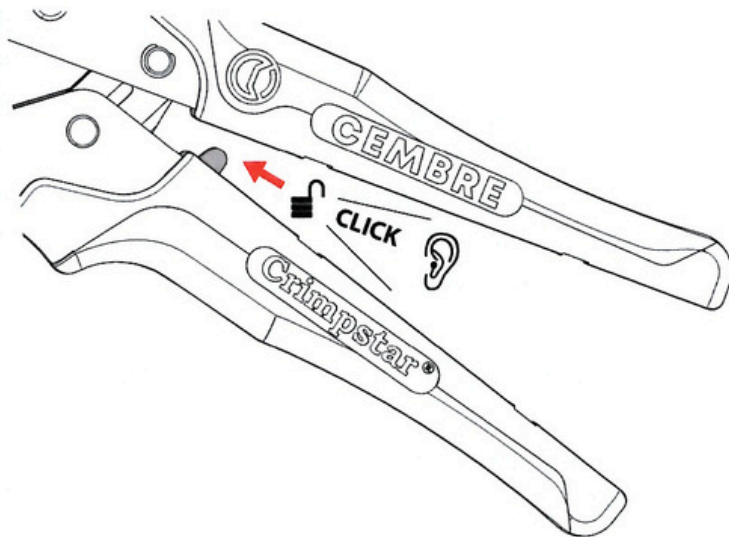
- 5 - Automatic re-opening of the handle grips.
- 6 - Remove the crimped terminal.



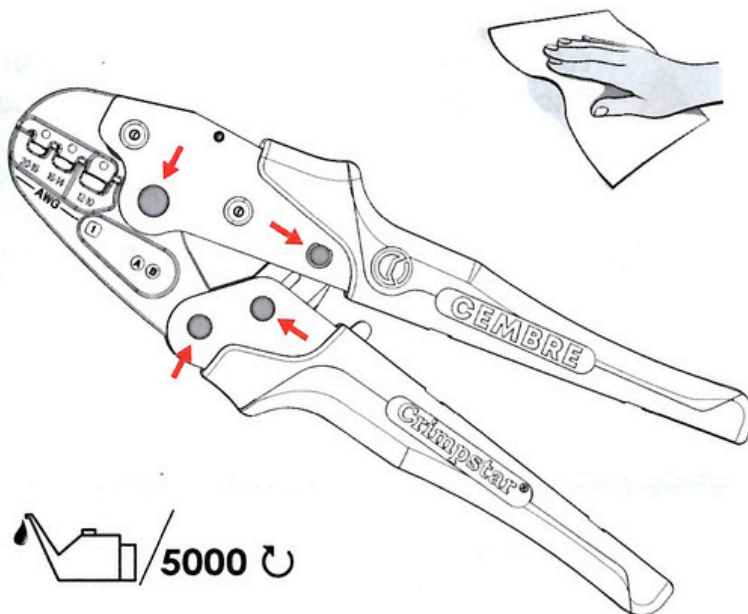
- Correct positioning of the terminal into the tool die.



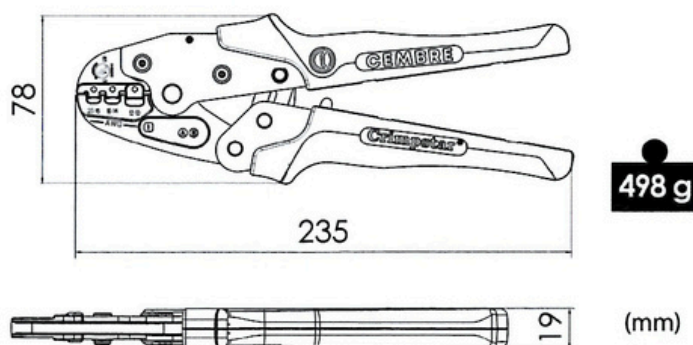
- Unlock the tool in case of need.



- Maintenance



- Dimensions and weight



UL PVC TERMINALS RANGE

TYPE	SHAPE	SLEEVE COLOR CODE	STUD SIZE (in.)	CONDUCTOR mm ² (AWG)	CABLE STRIP LENGTH mm (in.)			
RF-M3		RED	M3 (#4)	0,5 ÷ 1,5 (20 ÷ 16)	5 ÷ 6 (0.20 ÷ 0.24)			
RF-M3.5			M3,5 (#6)					
RF-3.5/1			M3,5 (#6)					
RF-M4			M4 (#8)					
RF-M5			M5 (#10)					
RF-M6			M6 (1/4")					
RF-M6/1			M6 (1/4")					
RF-M7			M7 (17/64")					
RF-M8			M8 (5/16")					
RF-M10			M10 (3/8")					
RF-M12			M12 (1/2")					
RF-U3						RED	M3 (#4)	0,5 ÷ 1,5 (20 ÷ 16)
RF-U3.5	M3,5 (#6)							
RF-U3.5/1	M3,5 (#6)							
RF-U4	M4 (#8)							
RF-U4/1	M4 (#8)							
RF-U4/2	M4 (#8)							
RF-U5	M5 (#10)							
RF-U6	M6 (1/4")							
RF-U6/1	M6 (1/4")							
RF-U8	M8 (5/16")							
RF-U10	M10 (3/8")							
RF-U12	M12 (1/2")							
RF-P8		RED		0,5 ÷ 1,5 (20 ÷ 16)	5 ÷ 6 (0.20 ÷ 0.24)			
RF-P10								
RF-P12								
RF-PP12								
RF-PP12/1								
RF-PP12/19								
RF-PP12/23								
RF-PP14								
RF-PP16/23								
PL03-M *								7 ÷ 8 (0.28 ÷ 0.31)

BF-M3		BLUE	M3 (#4)	1,5 ÷ 2,5 (16 ÷ 14)	5 ÷ 6 (0.20 ÷ 0.24)			
BF-M3.5			M3,5 (#6)					
BF-3.5/1			M3,5 (#6)					
BF-M4			M4 (#8)					
BF-M5			M5 (#10)					
BF-M6			M6 (1/4")					
BF-M6/1			M6 (1/4")					
BF-M7			M7 (17/64")					
BF-M8			M8 (5/16")					
RF-M10			M10 (3/8")					
RF-M12			M12 (1/2")					
BF-U3						BLUE	M3 (#4)	1,5 ÷ 2,5 (16 ÷ 14)
BF-U3.5	M3,5 (#6)							
BF-U4	M4 (#8)							
BF-U4/1	M4 (#8)							
BF-U4/2	M4 (#8)							
BF-U5	M5 (#10)							
BF-U6	M6 (1/4")							
BF-U6/1	M6 (1/4")							
BF-U8	M8 (5/16")							
BF-U10	M10 (3/8")							
BF-U12	M12 (1/2")							
BF-P8		BLUE			1,5 ÷ 2,5 (16 ÷ 14)		5 ÷ 6 (0.20 ÷ 0.24)	
BF-P10								
BF-P12								
BF-PP12								
BF-PP12/25								
BF-PP16/25								
PL06-M *								7 ÷ 8 (0.28 ÷ 0.31)

GF-M3.5		YELLOW	M3,5 (#6)	4 ÷ 6 (12 ÷ 10)	8 ÷ 9 (0.31 ÷ 0.35)				
GF-M4			M4 (#8)						
GF-M5			M5 (#10)						
GF-M6			M6 (1/4")						
GF-M6/1			M6 (1/4")						
GF-M7			M7 (17/64")						
GF-M8			M8 (5/16")						
GF-M10			M10 (3/8")						
GF-M10/1			M10 (3/8")						
GF-M12			M12 (1/2")						
GF-M14			M14 (9/16")						
GF-M16			M16 (5/8")						
GF-U3.5		YELLOW	M3,5 (#6)	4 ÷ 6 (12 ÷ 10)	8 ÷ 9 (0.31 ÷ 0.35)				
GF-U4			M4 (#8)						
GF-U5			M5 (#10)						
GF-U6			M6 (1/4")						
GF-U8			M8 (5/16")						
GF-U10			M10 (3/8")						
GF-U10/1			M10 (3/8")						
GF-U12			M12 (1/2")						
GF-U14			M14 (9/16")						
GF-U16			M16 (5/8")						
GF-P10						YELLOW		4 ÷ 6 (12 ÷ 10)	8 ÷ 9 (0.31 ÷ 0.35)
GF-P12									
GF-P14									
GF-PP12									
GF-PP17									
PL1-M *					9 ÷ 10 (0.35 ÷ 0.40)				

* splice: one crimp per side
















UL PC TERMINALS RANGE (halogen free)

TYPE	SHAPE	SLEEVE COLOR CODE	STUD SIZE (in.)	CONDUCTOR mm ² (AWG)	CABLE STRIP LENGTH mm (in.)
RP-M2		RED	M2 (#3)	0,5 ÷ 1,5 (20 ÷ 16)	5 ÷ 6 (0.20 ÷ 0.24)
RP-M3			M3 (#4)		
RP-M3.5			M3,5 (#6)		
RP-M3.5/1			M3,5 (#6)		
RP-M4			M4 (#8)		
RP-M5			M5 (#10)		
RP-M6			M6 (1/4")		
RP-M6/1			M6 (1/4")		
RP-M7			M7 (17/64")		
RP-M8			M8 (5/16")		
RP-M10			M10 (3/8")		
RP-M12			M12 (1/2")		
RP-U3		RED	M3 (#4)	0,5 ÷ 1,5 (20 ÷ 16)	5 ÷ 6 (0.20 ÷ 0.24)
RP-U3.5			M3,5 (#6)		
RP-U3.5/2			M3,5 (#6)		
RP-U4			M4 (#8)		
RP-U4/1			M4 (#8)		
RP-U4/2			M4 (#8)		
RP-U5			M5 (#10)		
RP-U6			M6 (1/4")		
RP-U6/1			M6 (1/4")		
RP-U8			M8 (5/16")		
RP-U10			M10 (3/8")		
RP-U12			M12 (1/2")		
RP-P8		RED		0,5 ÷ 1,5 (20 ÷ 16)	5 ÷ 6 (0.20 ÷ 0.24)
RP-P10					
RP-P12					
RP-PP12					
RP-PP12/1					
RP-PP12/19					
RP-PP12/23					
RP-PP14					
RP-PP16/23					
RP-PPL30					
RP-PPL46					

BP-M2		BLUE	M2 (#3)	1,5 ÷ 2,5 (16 ÷ 14)	5 ÷ 6 (0.20 ÷ 0.24)
BP-M3			M3 (#4)		
BP-M3.5			M3,5 (#6)		
BP-M3.5/1			M3,5 (#6)		
BP-M4			M4 (#8)		
BP-M5			M5 (#10)		
BP-M6			M6 (1/4")		
BP-M6/1			M6 (1/4")		
BP-M6/2			M6 (1/4")		
BP-M7			M7 (17/64")		
BP-M8			M8 (5/16")		
BP-M10			M10 (3/8")		
BP-M12	M12 (1/2")				
BP-U3		BLUE	M3 (#4)	1,5 ÷ 2,5 (16 ÷ 14)	5 ÷ 6 (0.20 ÷ 0.24)
BP-U3.5			M3,5 (#6)		
BP-U3.5/1			M3,5 (#6)		
BP-U4			M4 (#8)		
BP-U4/1			M4 (#8)		
BP-U4/2			M4 (#8)		
BP-U5			M5 (#10)		
BP-U6			M6 (1/4")		
BP-U6/1			M6 (1/4")		
BP-U8			M8 (5/16")		
BP-U10			M10 (3/8")		
BP-U12			M12 (1/2")		
BP-P8		BLUE		1,5 ÷ 2,5 (16 ÷ 14)	5 ÷ 6 (0.20 ÷ 0.24)
BP-P10					
BP-P12					
BP-PP12					
BP-PP12/25					
BP-PP12/29					
BP-PP16/25					
BP-PPL30					
BP-PPL46					

GP-M3		YELLOW	M3 (#4)	4 ÷ 6 (12 ÷ 10)	8 ÷ 9 (0.31 ÷ 0.35)				
GP-M3.5			M3,5 (#6)						
GP-M4			M4 (#8)						
GP-M5			M5 (#10)						
GP-M6			M6 (1/4")						
GP-M6/1			M6 (1/4")						
GP-M7			M7 (17/64")						
GP-M8			M8 (5/16")						
GP-M8/1			M8 (5/16")						
GP-M10			M10 (3/8")						
GP-M10/1			M10 (3/8")						
GP-M12			M12 (1/2")						
GP-M14	M14 (9/16")								
GP-M16	M16 (5/8")								
GP-U3.5		YELLOW	M3,5 (#6)	4 ÷ 6 (12 ÷ 10)	8 ÷ 9 (0.31 ÷ 0.35)				
GP-U4			M4 (#8)						
GP-U5			M5 (#10)						
GP-U6			M6 (1/4")						
GP-U8			M8 (5/16")						
GP-U10			M10 (3/8")						
GP-U10/1			M10 (3/8")						
GP-U12			M12 (1/2")						
GP-U14			M14 (9/16")						
GP-U16			M16 (5/8")						
GP-P10						YELLOW		4 ÷ 6 (12 ÷ 10)	8 ÷ 9 (0.31 ÷ 0.35)
GP-P12									
GP-P14									
GP-PP12									
GP-PP17									
GP-PPL46									

UL PC FEMALE/MALE DISCONNECT TERMINALS RANGE (halogen free)

TYPE	SHAPE	SLEEVE COLOR CODE	TAB SIZE mm	CONDUCTOR mm ² (AWG)	CABLE STRIP LENGHT mm (in.)			
RF-F305		RED	2,8 x 0,5	 0,5 ÷ 1,5 (20 ÷ 16)	 6 ÷ 7 (0.24 ÷ 0.28)			
RF-F405			4,8 x 0,5					
RF-F408			4,8 x 0,8					
RF-F608			6,35 x 0,8					
RF-M608								
RF-FM608								
RF-M608P								
RF-F305P			2,8 x 0,5					
RF-F405P			4,8 x 0,5					
RF-F408P			4,8 x 0,8					
RF-F608P			6,35 x 0,8					
BF-F405			BLUE			4,8 x 0,5	1.5 ÷ 2.5 (16 ÷ 14)	6 ÷ 7 (0.24 ÷ 0.28)
BF-F408						4,8 x 0,8		
BF-F608						6,35 x 0,8		
BF-M608								
BF-FM608								
BF-M608P								
BF-F405P		4,8 x 0,5						
BF-F408P		4,8 x 0,8						
BF-F608P		6,35 x 0,8						
GF-F608		YELLOW		6,35 x 0,8	4 ÷ 6 (12 ÷ 10)	8 ÷ 9 (0.31 ÷ 0.35)		
GF-M608								
GF-F608P								



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